

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035937.D
 Acq On : 31 May 2023 15:35
 Operator : JC/MD
 Sample : 02970-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jun 01 05:16:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

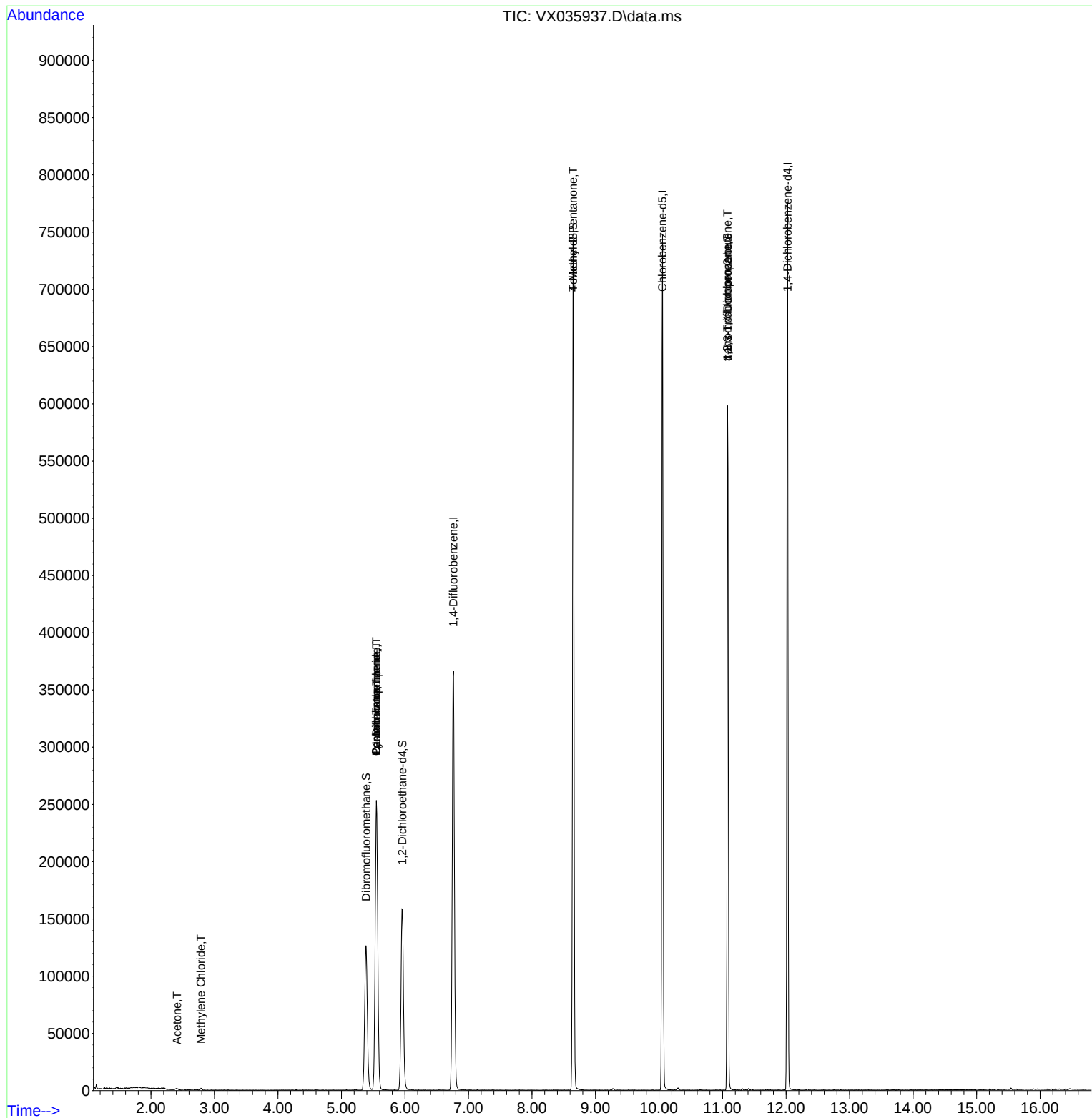
Internal Standards						
1) Pentafluorobenzene	5.549	168	212988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	352346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164620	47.597	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.200%		
35) Dibromofluoromethane	5.385	113	110289	46.538	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.080%		
50) Toluene-d8	8.646	98	418967	49.260	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.520%		
62) 4-Bromofluorobenzene	11.079	95	165126	49.181	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.360%		
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	2145	1.503	ug/l #	63
20) Methylene Chloride	2.788	84	600	0.218	ug/l #	90
31) Cyclohexane	5.549	56	5879	1.623	ug/l #	27
36) 1,1-Dichloropropene	5.549	75	20399	6.456	ug/l #	51
38) Carbon Tetrachloride	5.549	117	24521	7.963	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	2052	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	88946	26.264	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	88946	88.467	ug/l #	3

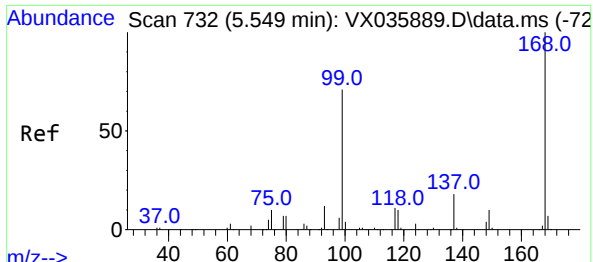
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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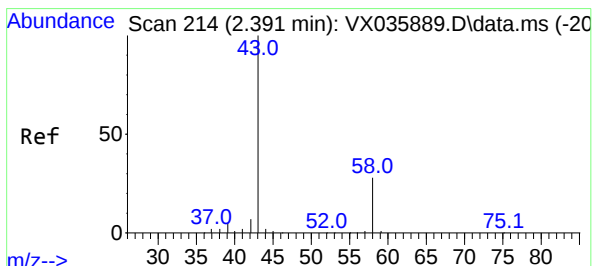
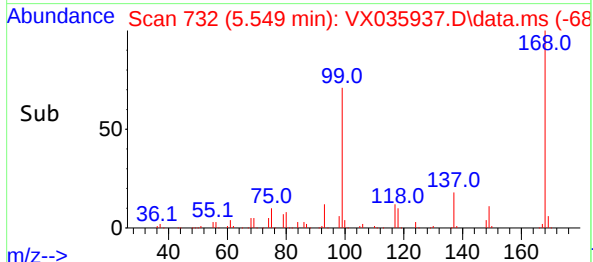
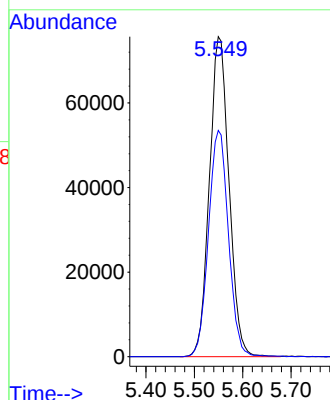
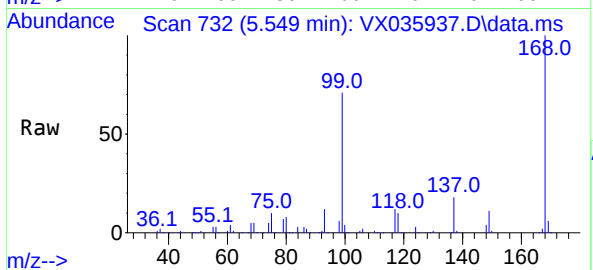




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

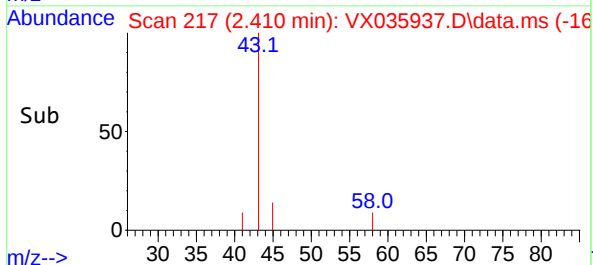
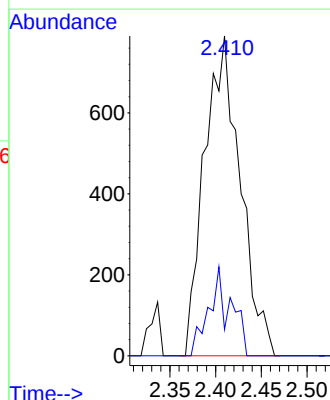
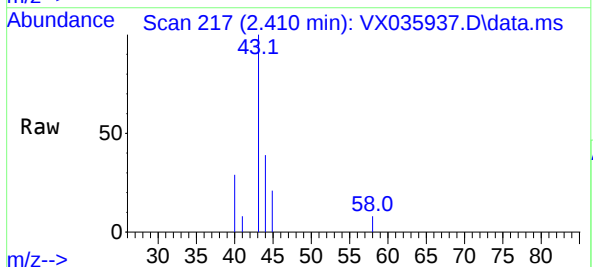
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

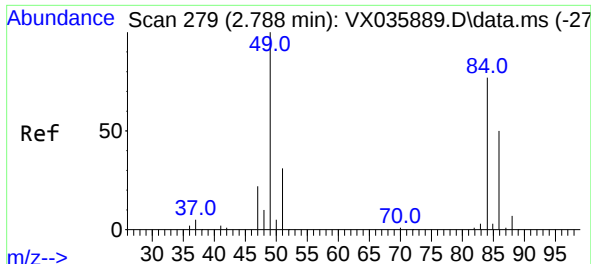
Tgt Ion:168 Resp: 212988
Ion Ratio Lower Upper
168 100
99 70.7 57.0 85.6



#16
Acetone
Concen: 1.503 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.019 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

Tgt Ion: 43 Resp: 2145
Ion Ratio Lower Upper
43 100
58 8.2 22.2 33.2#





#20

Methylene Chloride

Concen: 0.218 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035937.D

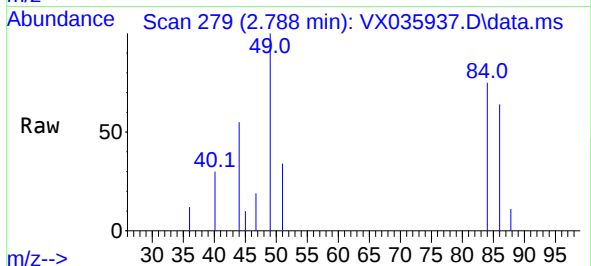
Acq: 31 May 2023 15:35

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion: 84 Resp: 600

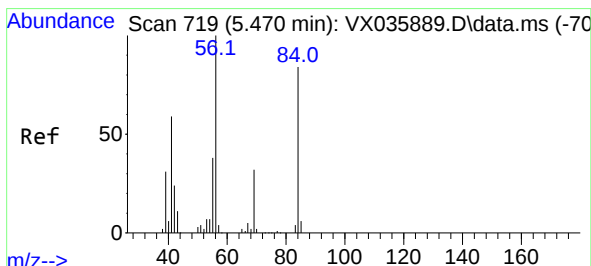
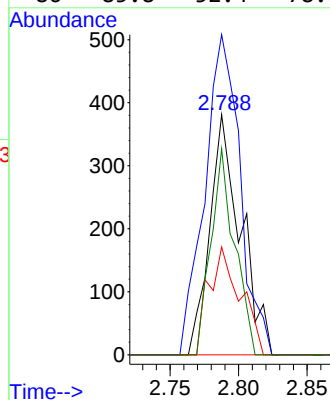
Ion Ratio Lower Upper

84 100

49 133.3 104.6 156.8

51 44.9 32.2 48.4

86 85.8 52.4 78.6#



#31

Cyclohexane

Concen: 1.623 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX035937.D

Acq: 31 May 2023 15:35

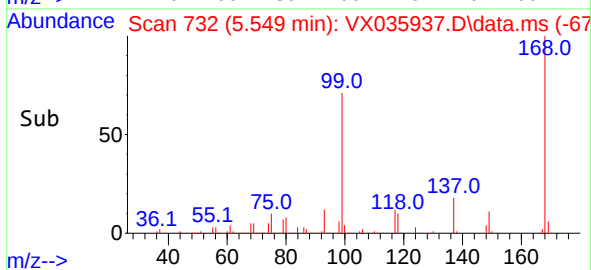
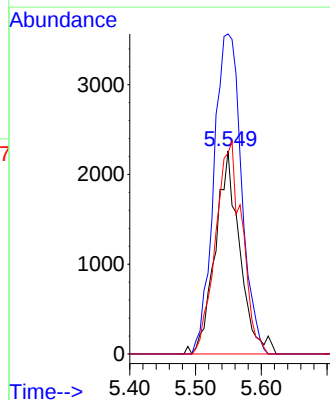
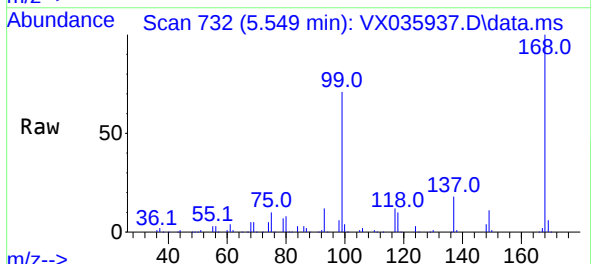
Tgt Ion: 56 Resp: 5879

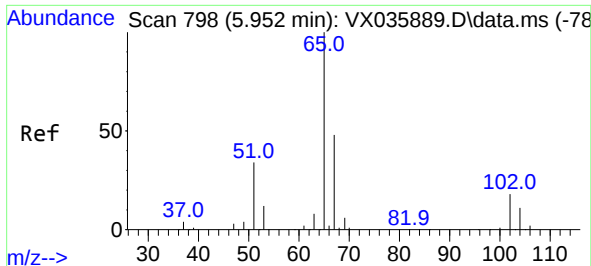
Ion Ratio Lower Upper

56 100

69 157.6 25.9 38.9#

84 98.9 67.6 101.4

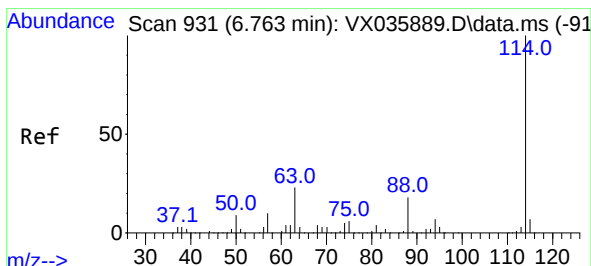
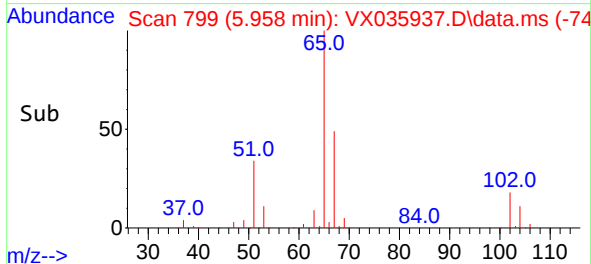
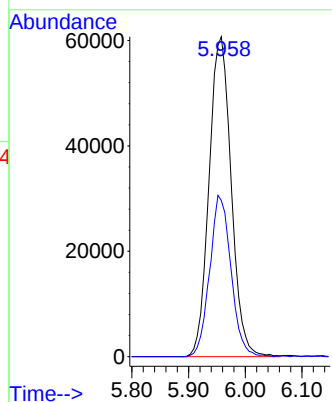
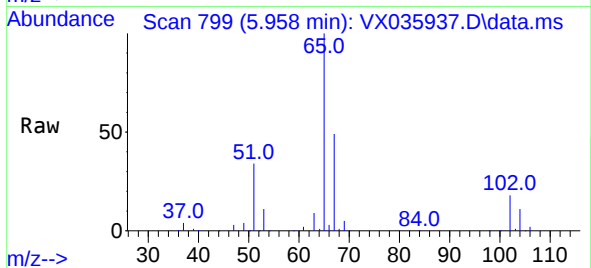




#33
1,2-Dichloroethane-d4
Concen: 47.597 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

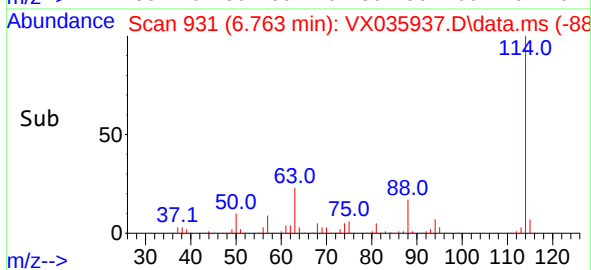
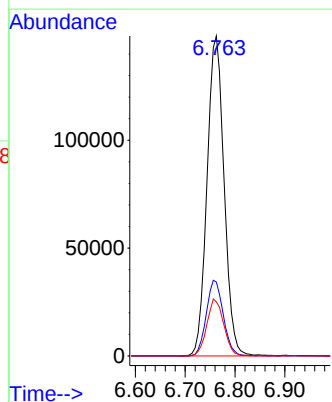
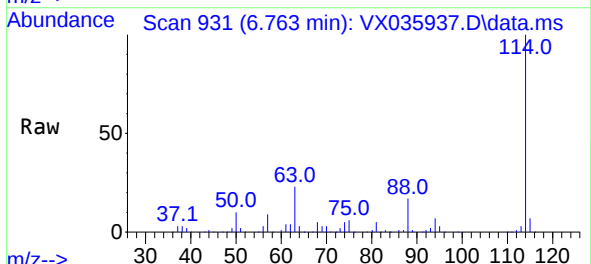
Instrument :
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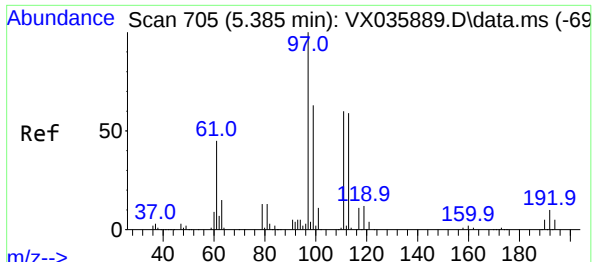
Tgt Ion: 65 Resp: 164620
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

Tgt Ion: 114 Resp: 352346
Ion Ratio Lower Upper
114 100
63 23.1 0.0 46.0
88 16.9 0.0 35.2

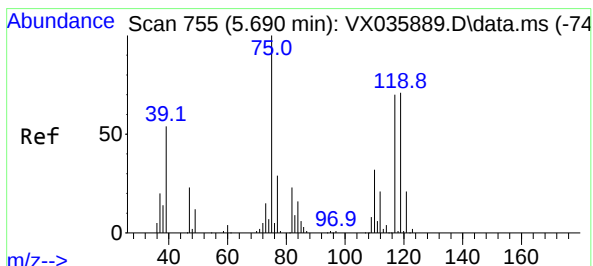
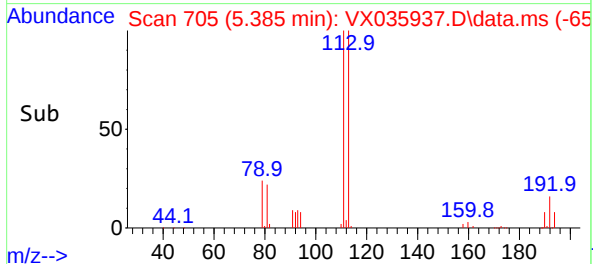
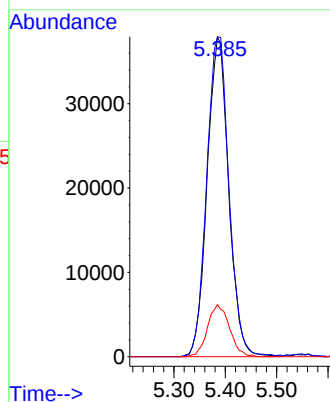
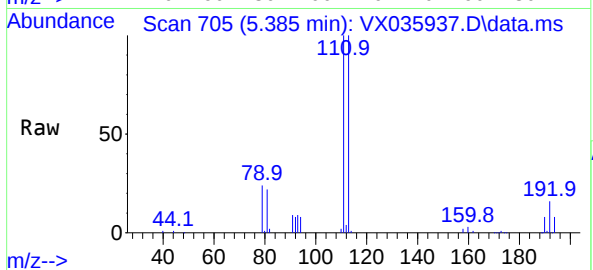




#35
Dibromofluoromethane
Concen: 46.538 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

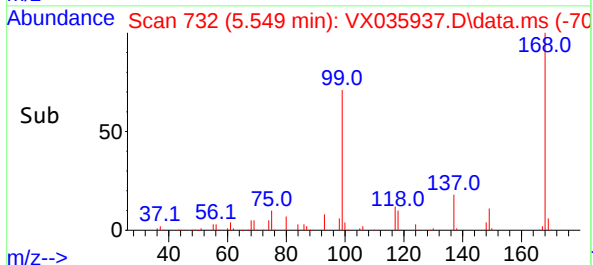
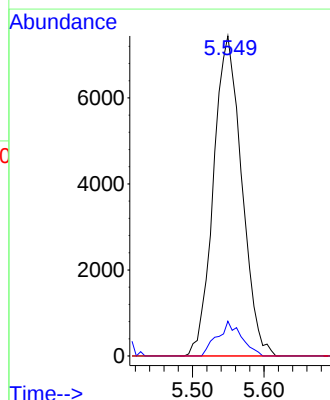
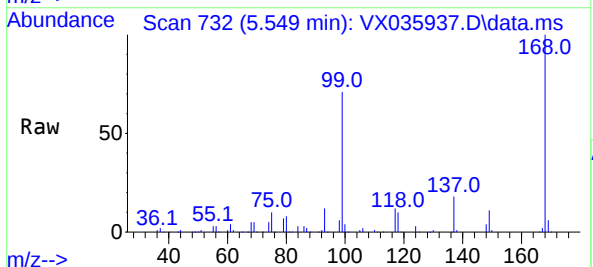
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

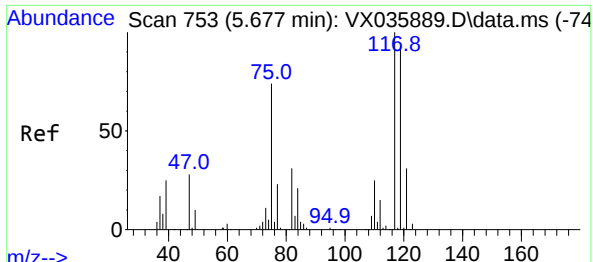
Tgt Ion:113 Resp: 110289
Ion Ratio Lower Upper
113 100
111 103.5 81.7 122.5
192 16.6 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.456 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

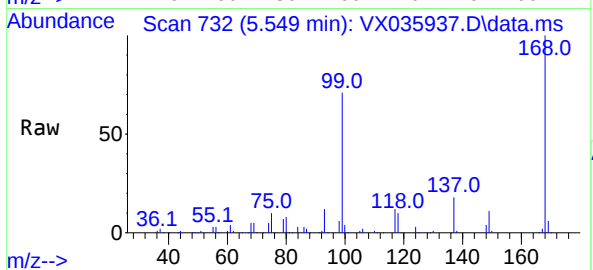
Tgt Ion: 75 Resp: 20399
Ion Ratio Lower Upper
75 100
110 9.3 16.6 49.7#
77 0.0 24.4 36.6#



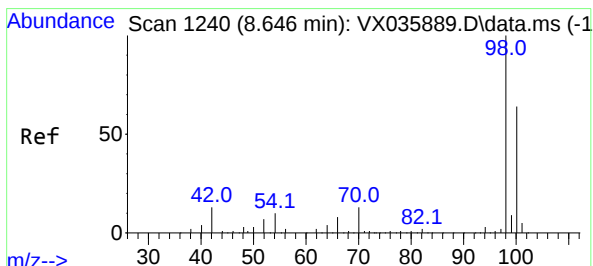
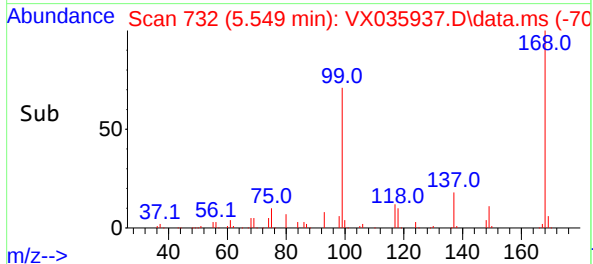
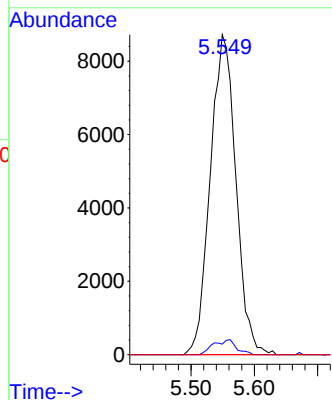


#38
Carbon Tetrachloride
Concen: 7.963 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

Instrument :
MSVOA_X
ClientSampleId :
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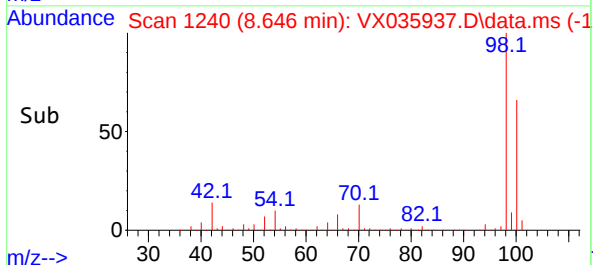
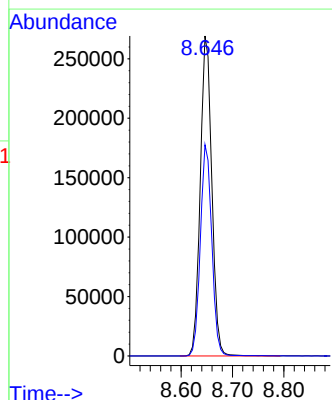
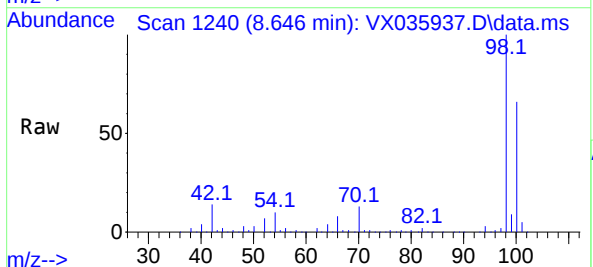


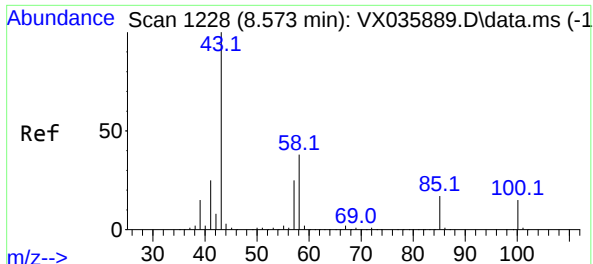
Tgt Ion:117 Resp: 24521
Ion Ratio Lower Upper
117 100
119 3.3 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.260 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

Tgt Ion: 98 Resp: 418967
Ion Ratio Lower Upper
98 100
100 65.3 53.4 80.0

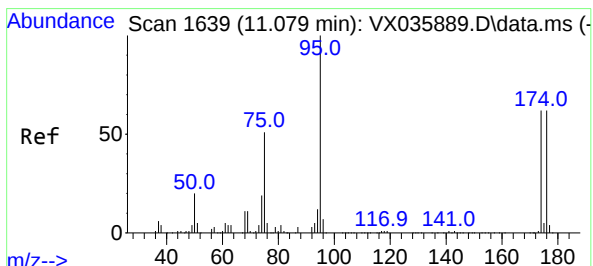
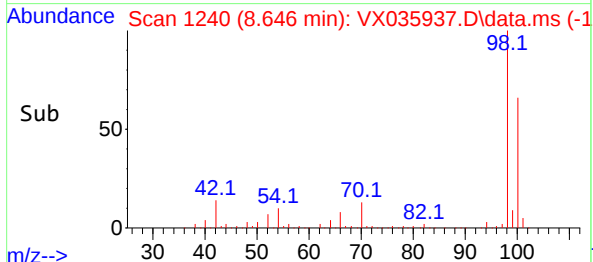
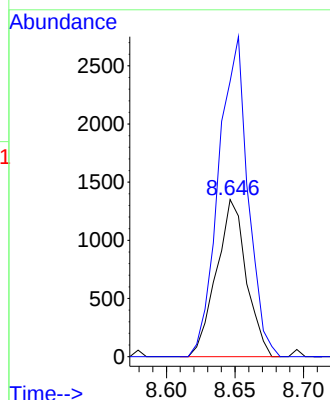
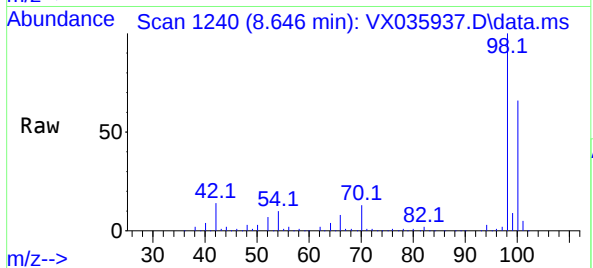




#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

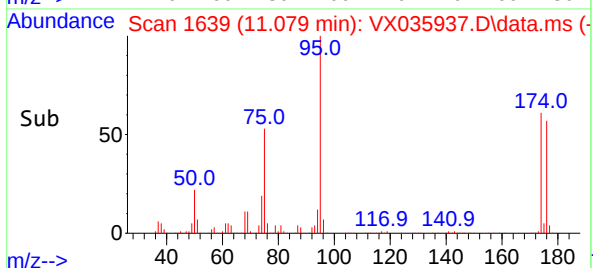
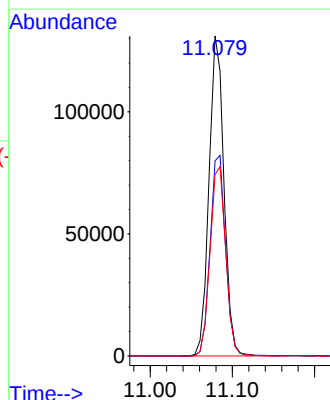
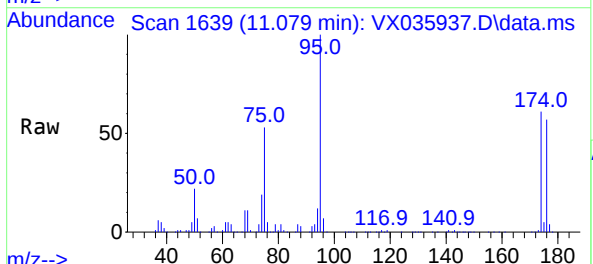
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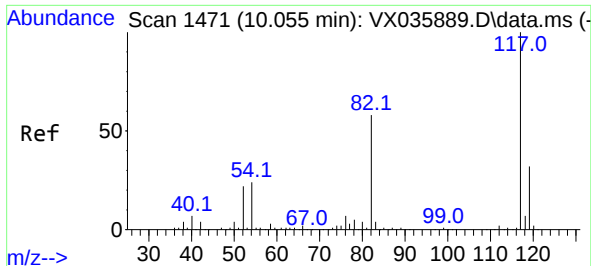
Tgt Ion: 43 Resp: 2052
Ion Ratio Lower Upper
43 100
58 200.2 30.1 45.1#



#62
4-Bromofluorobenzene
Concen: 49.181 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

Tgt Ion: 95 Resp: 165126
Ion Ratio Lower Upper
95 100
174 64.9 0.0 132.6
176 62.0 0.0 128.0

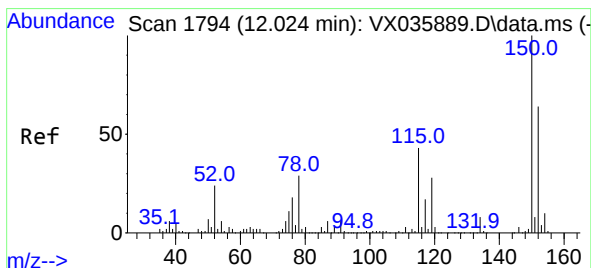
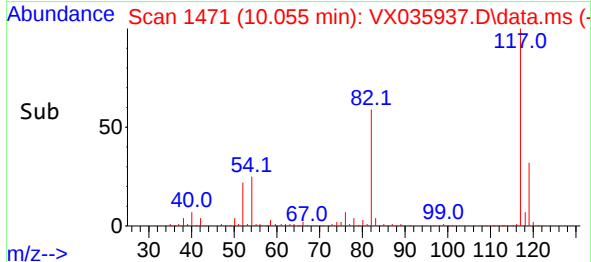
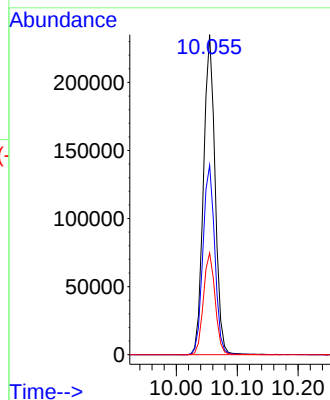
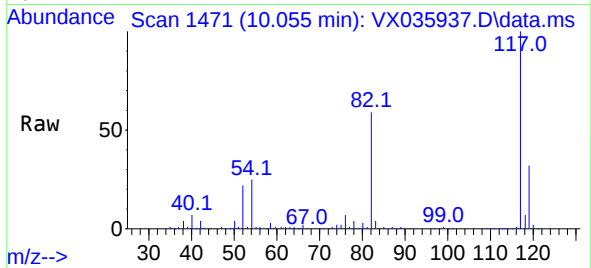




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

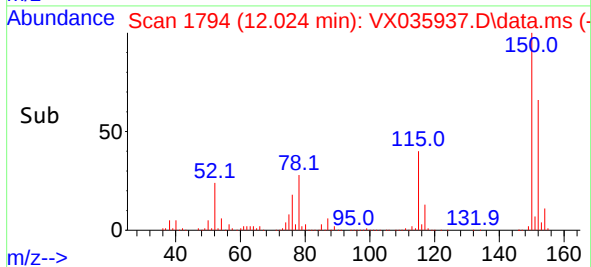
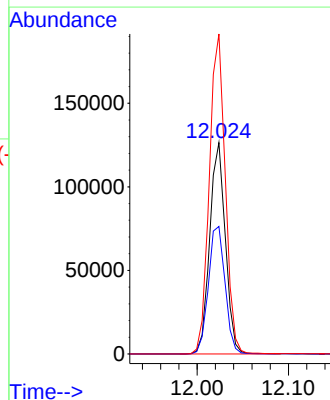
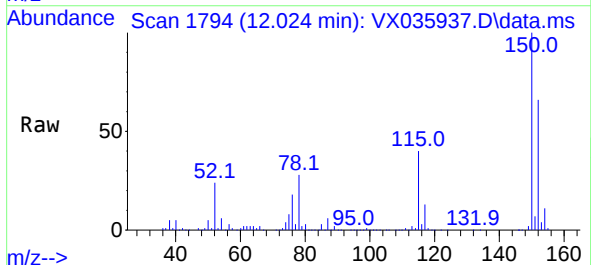
Instrument :
MSVOA_X
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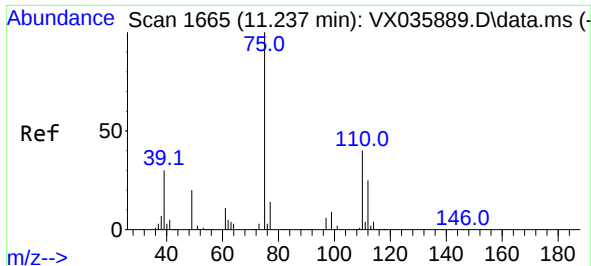
Tgt Ion:117 Resp: 310864
Ion Ratio Lower Upper
117 100
82 59.2 46.6 69.8
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

Tgt Ion:152 Resp: 150151
Ion Ratio Lower Upper
152 100
115 64.3 45.5 136.5
150 154.2 0.0 345.2

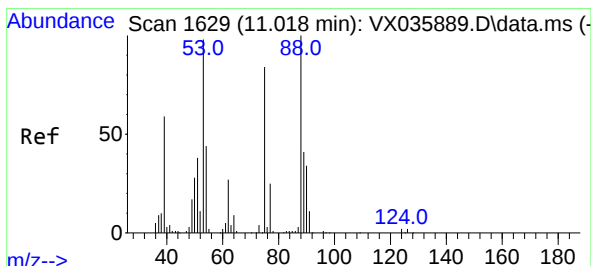
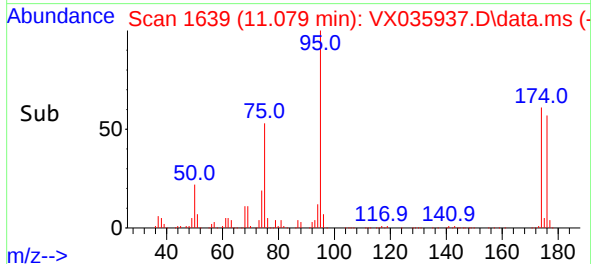
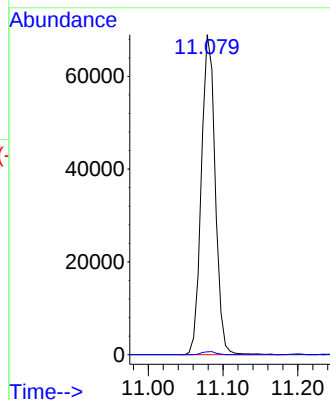
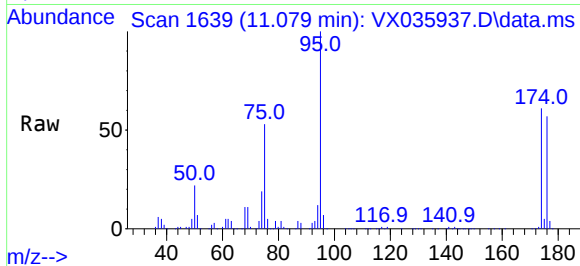




#76
1,2,3-Trichloropropane
Concen: 26.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 88946
Ion Ratio Lower Upper
75 100
77 1.0 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

Tgt Ion: 75 Resp: 88946
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

